

Amendments to the Specification:

Please replace the paragraph beginning at page 6, line 24, with the following redlined paragraph:

“Residue 91,” also called “position 91,” refers to amino acid 91 of human myelin basic protein (see Figure 1; SEQ. ID No. 2—) or the amino acid at the comparative position for a peptide derived from MBP. The numbering system used relates to the amino acid position within the native protein, regardless of the length of the peptide or its position within that peptide.

Please replace the paragraph beginning at page 18, line 27 and extending to page 19, with the following redlined paragraph:

Female Lewis rats rates, approximately six weeks old, were purchased from Harlan Sprague, Indianapolis, IN. MBP peptides were dissolved in phosphate-buffered saline (PBS) and emulsified with an equal volume of complete Freund’s adjuvant (Difco Laboratories, Inc., Detroit, MI) supplemented with 4 mg/ml of heat-killed *Myobacterium tuberculosis* H37Ra in oil (Difco). Rats were immunized subcutaneously in the base of the tail with 0.1 ml containing 100 µg of the peptide in the emulsion. Nine to ten days following immunization, rats were sacrificed, their draining lymph node removed and a single cell suspension made. Cells were resuspended to 5×10^6 cells per ml in stimulation medium containing Dulbecco’s modified Eagle’s medium (Gibco BRL, Gaithersburg, MD) supplemented with 2 mercaptoethanol (5×10^{-5} M), L-glutamine (2 mM), sodium pyruvate (1 mM), penicillin (100 µg/ml), streptomycin (100 µg/ml), and 1% normal rat serum.

Please replace the paragraph beginning at page 23, line 11, with the following redlined paragraph:

As can be seen in Figure 7, the peptide analogue caused a marked decrease in cytokine production at all doses greater than 20 µM for ~~TNF-α~~ IFN-γ and at all doses for TNF-α ~~IFN-γ~~.